

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1-3.(cancelled)

4.(currently amended) A method as claimed in claim [[3]] 12, further comprising:
~~in which a definition step of subtracting a residual signal from said motion-compensated signal, wherein is carried out, said residual signal resulting from the difference between said additional data signal and its predicted version, characterized in that said residual signal is subtracted from said motion compensated signal by means of a subtracting sub-step.~~

5.(currently amended) A method as claimed in claim [[3]] 12, further comprising:
~~characterized in that:~~

~~[[a]]] adding said additional data signal is added to said coding error by means of an adding sub-step, and~~

~~[[b]]] adding said additional data signal is added to said decoded data signal by means of an adding sub-step.~~

6.(currently amended) A method of as claimed in claim [[3]] 12, further comprising:
~~characterized in that:~~

~~[[a]]] adding said additional data signal is added to said coding error by means of an adding sub-step, and~~

~~[[b]]] subtracting said additional data signal is subtracted from said motion-compensated signal by means of a subtracting sub-step.~~

7-11.(cancelled)

12.(new) A method for modifying data in an encoded data signal, comprising:

decoding said encoded data signal to obtain a decoded data signal in a frequency domain;

inserting, in the frequency domain, an additional data signal into the decoded data signal;

subtracting a motion-compensated signal from the decoded data signal to obtain a modified data signal; and

encoding the modified data signal such that a coding error is generated, the motion-compensated signal being based on the coding error.

13.(new) A method for modifying data in an encoded data signal, comprising:

decoding said encoded data signal to obtain a decoded data signal in a frequency domain;

subtracting a motion-compensated signal from the decoded data signal to obtain a modified data signal;

inserting, in the frequency domain, an additional data signal into the modified data signal; and

encoding the modified data signal such that a coding error is generated, the motion-compensated signal being based on the coding error.

14.(new) A transcoding device for adding data to an encoded data signal, comprising:

a decoder decoding said encoded data signal to obtain a decoded data signal in a frequency domain;

means for inserting, in the frequency domain, an additional data signal into the decoded data signal;

means for subtracting a motion-compensated signal from the decoded data signal to obtain a modified data signal; and

an encoder encoding the modified data signal such that a coding error is generated, the motion-compensated signal being based on the coding error.

15.(new) A transcoding device for adding data to an encoded data signal, comprising:

a decoder decoding said encoded data signal to obtain a decoded data signal in a frequency domain;

a subtractor subtracting a motion-compensated signal from the decoded data signal to obtain a modified data signal;

an adder adding, in the frequency domain, an additional data signal into the modified data signal; and

an encoder encoding the modified data signal such that a coding error is generated, the motion-compensated signal being based on the coding error.